

REMARKS

Claim Rejections

Claims 1-2 and 5-6 are rejected under 35 U.S.C. § 102(b) as being anticipated by Hsu et al.

Drawings

It is noted that no Patent Drawing Review (Form PTO-948) was received with the outstanding Office Action. Thus, Applicant must assume that the drawings are acceptable as filed.

Claim Amendments

By this Amendment, Applicant has amended claims 1 and 5 of this application. It is believed that the amended claims specifically set forth each element of Applicant's invention in full compliance with 35 U.S.C. § 112, and define subject matter that is patentably distinguishable over the cited prior art, taken individually or in combination.

The cited reference to Hsu et al. teaches a substrate (1) with an IC chip (2) located on a top thereof and covered by a resin (5), and a flat plate mold (8') having upper and lower air vents (81', 83') and a metal heat sink located on a bottom thereof. The entire metal heat sink is located in the resin.

Hsu et al. do not teach the lower portion having a predetermined amount of the encapsulant located on a top thereof and the upper portion extending outwardly above the opposing open side of the encapsulant; nor do Hsu et al. teach, in the predetermined position a lower portion of the heat-dissipation fin having a predetermined amount of the encapsulant located on a top thereof and an upper portion of the heat-dissipation fin extending outwardly above the opposing open side of the encapsulant.

It is axiomatic in U.S. patent law that, in order for a reference to anticipate a claimed structure, it must clearly disclose each and every feature of the claimed structure. Applicant submits that it is abundantly clear, as discussed above, that Hsu et al. do not disclose each and every feature of Applicant's amended claims and, therefore, could not possibly anticipate these claims under 35 U.S.C. § 102.

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Absent a specific showing of these features, Hsu et al. cannot be said to anticipate any of Applicant's amended claims under 35 U.S.C. § 102.

It is further submitted that Hsu et al. do not disclose, or suggest any modification of the specifically disclosed structures that would lead one having ordinary skill in the art to arrive at Applicant's claimed structure. Thus, it is not believed that Hsu et al. render obvious any of Applicant's amended claims under 35 U.S.C. § 103.

Summary

In view of the foregoing amendments and remarks, Applicant submits that this application is now in condition for allowance and such action is respectfully requested. Should any points remain in issue, which the Examiner feels could best be resolved by either a personal or a telephone interview, it is urged that Applicant's local attorney be contacted at the exchange listed below.

Respectfully submitted,

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By:


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